IN THE SPECIFICATION:

Please replace the paragraph beginning at page 6, line 18 with:

As indicated above, $\bar{R}$ is affected by the delay parameter Δ. Unless dictated by the designer, the delay parameter Δ, which can range between 0 and $(N_f + v - N_b - 1)$, is chosen to minimize the trace of $R_{ee,min}^{ITC}$. Similarly, the index parameter m, which ranges between 0 and N_b, and which ~~that~~ affects Φ, is chosen to minimize the trace of $R_{ee,min}^{ITC}$.

Please replace the two paragraphs that begin at page 8, line 16 with:

Following step 100, step 110 determines the matrices, R_{nn}, R_{xx}, R_{xy}, and R_{yy}. The matrix R_{nn} is computed by first computing $n = y - Hx$ and then computing the expected value $E[n \cdot n]$ -- see equation (8) above. The matrix R_{xx} is computed from the known training sequences -- see equation (7) above -- (or is pre-computed and installed in processor 220). [[In]] <u>It</u> may be noted that for uncorrelated inputs, $R_{xx}=I$. The matrices R_{xy} and R_{yy} are computed from the known training sequences and the received signal or directly from H and R_{nn} -- see equations (5) and (6) above.

Following step 110, step 120 computes $R^{\perp} = R_{xx} - R_{xy}R_{yy}^{-1}R_{yx}$, and the sub-matrix $\bar{R}$. From equation (10) [[is]] <u>it</u> can be seen that $\bar{R}$ is obtained by dropping the first $n_i\Delta$ rows and the last $n_i s$ rows of $R^{\perp}$.

Please replace the paragraph beginning at page 9, line 4 with:

In accordance with the ONC approach, step 130 computes the matrix U in a conventional manner, identifies the unit vectors e_i, and thus obtains the matrix B. ~~Step~~ As with the ITC approach, step 140 develops the coefficients of matrix W in accordance with equation (12), and installs the developed coefficients within filter 210.